

FORM PTO 1390  
(REV 5-93)

U.S. DEPARTMENT OF COMMERCE PATENT AND TRADEMARK OFFICE

ATTORNEY DOCKET NUMBER  
2005\_0973ATRANSMITTAL LETTER TO THE UNITED STATES  
DESIGNATED/ELECTED OFFICE (DO/EO/US)  
CONCERNING A FILING UNDER 35 U.S.C. §371U.S. APPLICATION NO.  
(if known, see 37 CFR 1.52)  
NEW

10/540231

International Application No.  
PCT/JP2003/015961International Filing Date  
December 12, 2003Priority Date Claimed  
December 21, 2002

## Title of Invention

OXIDE NANOSTRUCTURE, METHOD FOR PRODUCING SAME, AND USE THEREOF

## Applicant(s) For DO/EO/US

Shinsuke YAMANAKA; Tsuyoshi HAMAGUCHI; Masayoshi UNO; Ken KUROSAKI; Hiroaki MUTA; and Kouichi KUGIMIYA

Applicant herewith submits to the United States Designated/Elected Office (DO/EO/US) the following items and other information:

1. ☒ This is a **FIRST** submission of items concerning a filing under 35 U.S.C. §371.
2. ☐ This is a **SECOND** or **SUBSEQUENT** submission of items concerning a filing under 35 U.S.C. §371.
3. ☒ This express request to begin national examination procedures (35 U.S.C. §371(f)) at any time rather than delay examination until the expiration of the applicable time limit set in 35 U.S.C. §371(b) and PCT Articles 22 and 39(1).
4. ☐ A proper Demand for International Preliminary Examination was made by the 19th month from the earliest claimed priority date.
5. ☒ A copy of the International Application as filed (35 U.S.C. §371(c)(2))
  - a. ☐ is transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☒ has been transmitted by the International Bureau.
  - c. ☐ is not required, as the application was filed in the United States Receiving Office (RO/US)
6. ☒ A translation of the International Application into English (35 U.S.C. §371(c)(2)). **ATTACHMENT A**
7. ☐ Amendments to the claims of the International Application under PCT Article 19 (35 U.S.C. §371(c)(3)).
  - a. ☐ are transmitted herewith (required only if not transmitted by the International Bureau).
  - b. ☐ have been transmitted by the International Bureau.
  - c. ☐ have not been made; however, the time limit for making such amendments has NOT expired.
  - d. ☐ have not been made and will not be made.
8. ☐ A translation of the amendments to the claims under PCT Article 19.
9. ☒ An unexecuted oath or declaration of the inventor(s) (35 U.S.C. §371(c)(4)). **ATTACHMENT B**
10. ☐ A translation of the annexes to the International Preliminary Examination Report under PCT Article 36 (35 U.S.C. §371(c)(5)).

## Items 11. to 14. below concern other document(s) or information included:

11. ☒ An Information Disclosure Statement under 37 CFR 1.97 and 1.98. **ATTACHMENT C**
12. ☐ An assignment document for recording. A separate cover sheet in compliance with 37 CFR 3.28 and 3.31 is included.
13. ☒ A **FIRST** preliminary amendment. **ATTACHMENT D**
  - ☐ A **SECOND** or **SUBSEQUENT** preliminary amendment.
14. ☒ Other items or information:
  - a. Cover Page of Published International Application WO 2004/057064 **ATTACHMENT E**
  - b. International Search Report **ATTACHMENT F**

**ATTORNEY'S DOCKET NO.**  
2005\_0973A

PTO USE ONLY

Basic National Stage Fee .....	\$300.00
National Stage Search Fee .....	\$400.00
National Stage Examination Fee .....	\$200.00
Specification/drawings in excess of 100 pages (units of 50 x \$250.00) = .....	\$

\$900.00

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Claims	Number Filed	Number Extra	Rate
Total Claims	65 -20 =	45	X \$50.00
Independent Claims	6 - 3 =	3	X \$200.00
Multiple dependent claim(s) (if applicable)			+ \$360.00

\$3,750.00

\$

\$3,750.00

+

\$

\$3,750.00

\$

\$3,750.00

Amount to be refunded

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Amount to be charged

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a. ☒ A check in the amount of **\$3,750.00** to cover the above fees is enclosed. A duplicate copy of this form is enclosed.

b. ☐ Please charge my Deposit Account No. 23-0975 in the amount of \$ \_\_\_\_\_ to cover the above fees.  
A duplicate copy of this sheet is enclosed.

c. ☐ The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any overpayment to Deposit Account No. 23-0975.

**NOTE: Where an appropriate time limit under 37 CFR 1.494 or 1.495 has not been met, a petition to revive (37 CFR 1.137(a) or (b)) must be filed and granted to restore the application to pending status.**

19. CORRESPONDENCE ADDRESS

CUSTOMER NO.  
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By:

Matthew M. Jacob ,  
Registration No. 25,154

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June 21, 2005

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
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[2005 0973A]